

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053343.D
 Acq On : 27 Apr 2022 12:18
 Operator : CG/JU
 Sample : N2481-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13R

Quant Time: Apr 28 06:40:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

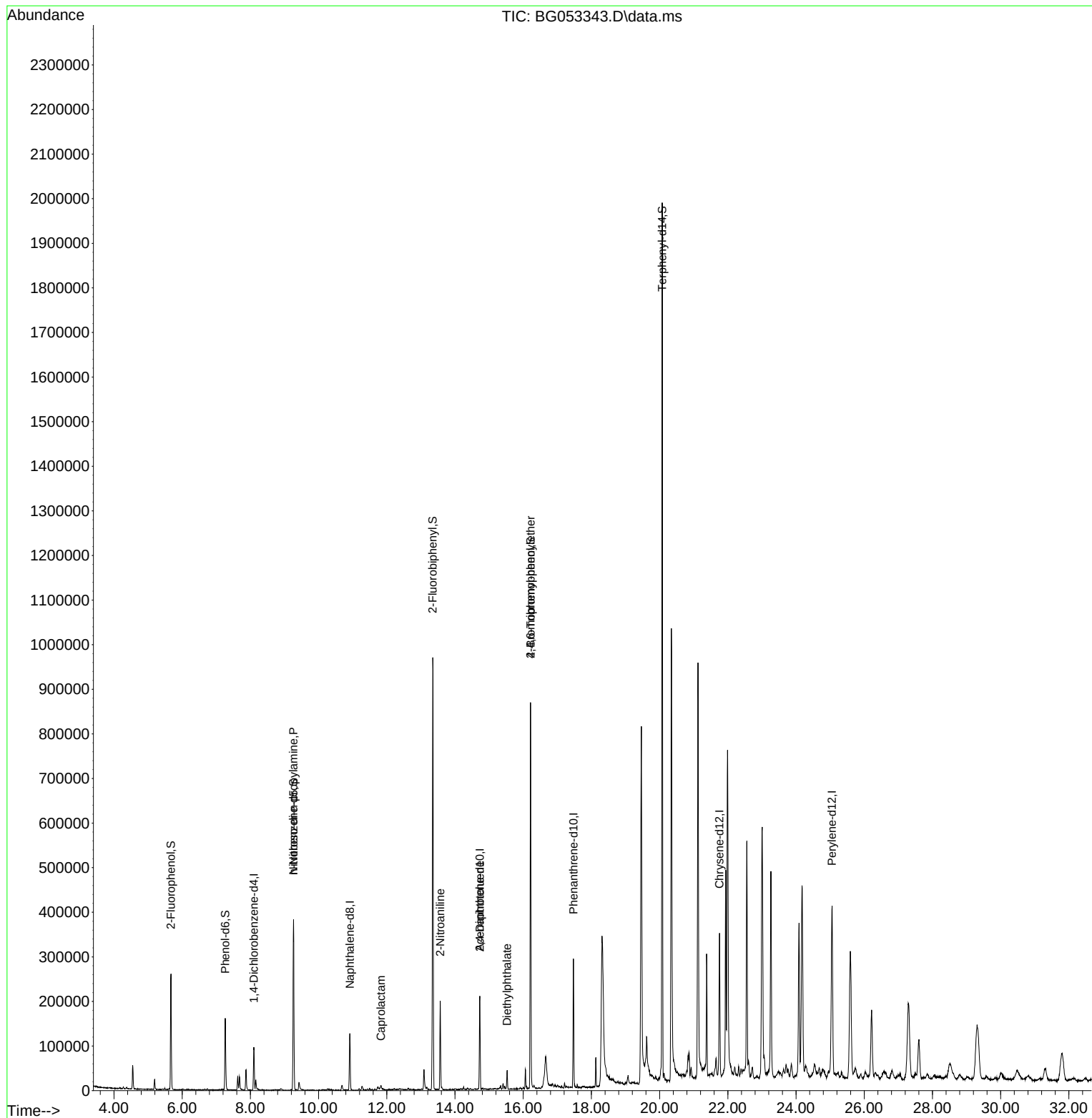
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	26881	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	102813	20.000	ng	# 0.00
39) Acenaphthene-d10	14.729	164	74028	20.000	ng	0.00
64) Phenanthrene-d10	17.472	188	182803	20.000	ng	-0.01
76) Chrysene-d12	21.755	240	191256	20.000	ng	-0.01
86) Perylene-d12	25.050	264	193106	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	107353	68.458	ng	0.00
7) Phenol-d6	7.263	99	94747	39.180	ng	-0.01
23) Nitrobenzene-d5	9.266	82	242679	95.840	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	173685	147.471	ng	-0.01
45) 2-Fluorobiphenyl	13.348	172	510179	95.030	ng	-0.01
79) Terphenyl-d14	20.075	244	994142	87.789	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.266	70	33999	19.204	ng	# 79
35) Caprolactam	11.827	113	1761	2.694	ng	# 63
48) 2-Nitroaniline	13.566	65	6503	4.029	ng	# 17
57) 2,4-Dinitrotoluene	14.729	165	9839	5.595	ng	# 24
60) Diethylphthalate	15.528	149	23729	3.825	ng	# 93
67) 4-Bromophenyl-phenylether	16.215	248	11263	4.808	ng	# 1

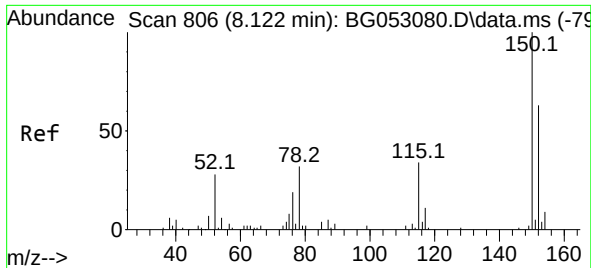
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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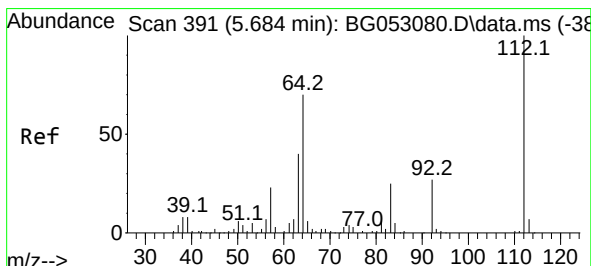
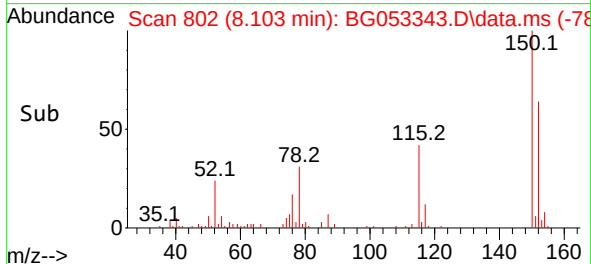
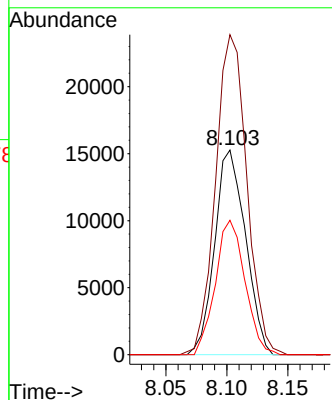
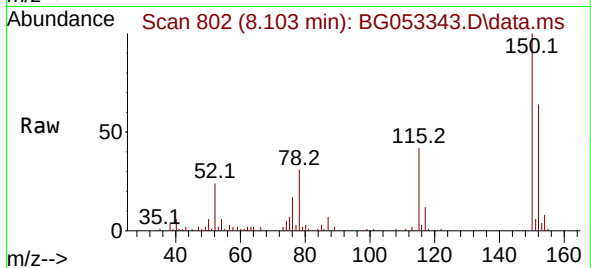




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.103 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

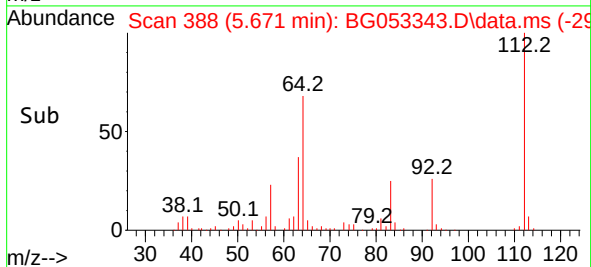
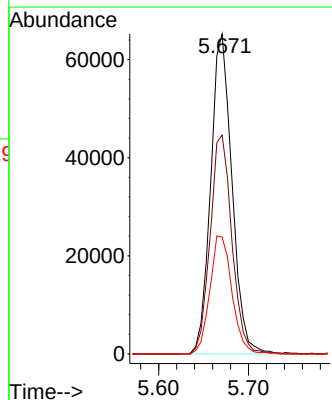
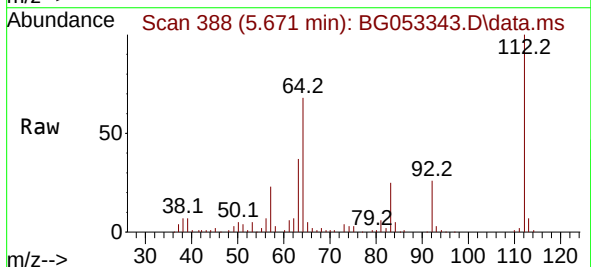
Instrument :
BNA_G
ClientSampleId :
MW-13R

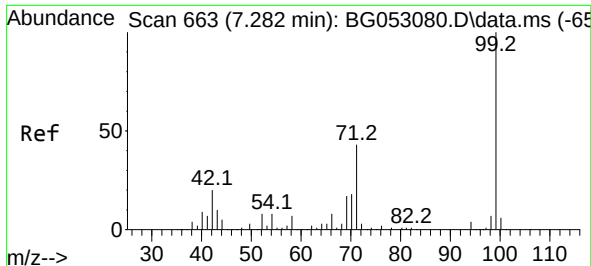
Tgt Ion:152 Resp: 26881
Ion Ratio Lower Upper
152 100
150 156.4 114.6 172.0
115 65.7 45.9 68.9



#5
2-Fluorophenol
Concen: 68.458 ng
RT: 5.671 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Tgt Ion:112 Resp: 107353
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 36.5 26.5 39.7

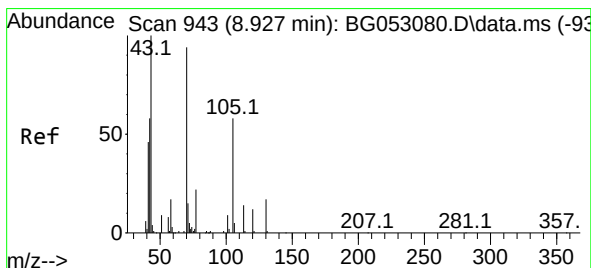
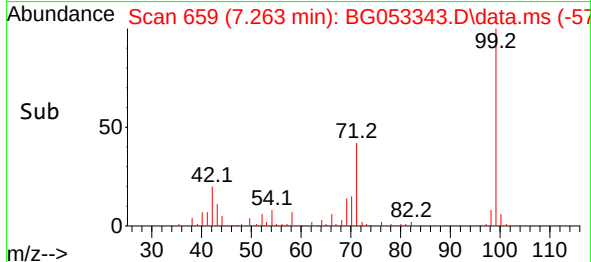
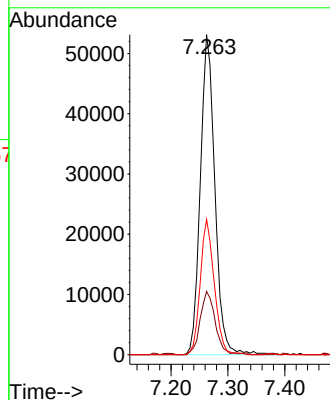
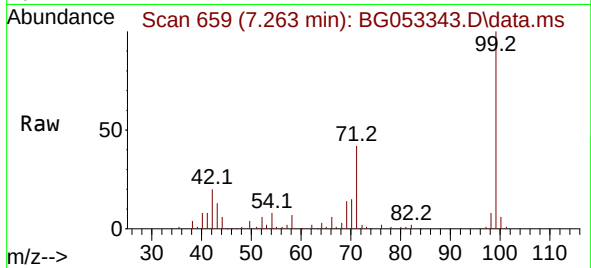




#7
Phenol-d6
Concen: 39.180 ng
RT: 7.263 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

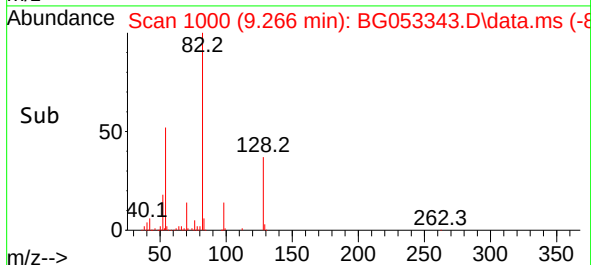
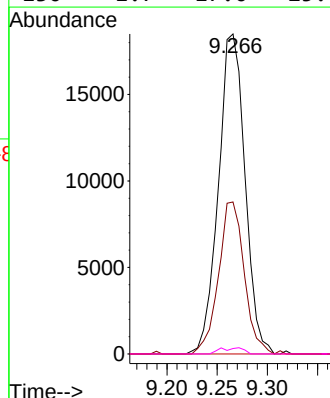
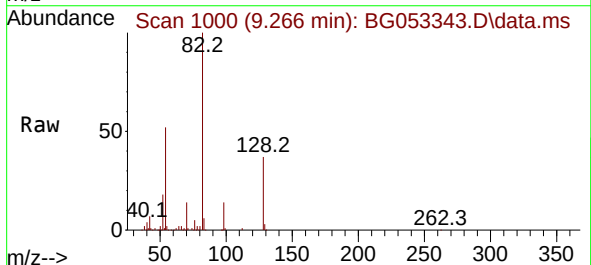
Instrument :
BNA_G
ClientSampleId :
MW-13R

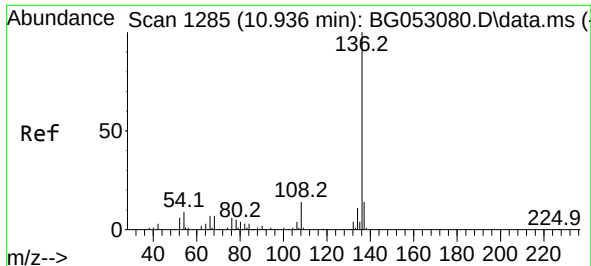
Tgt Ion: 99 Resp: 94747
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.204 ng
RT: 9.266 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Tgt Ion: 70 Resp: 33999
Ion Ratio Lower Upper
70 100
42 47.5 46.0 69.0
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#



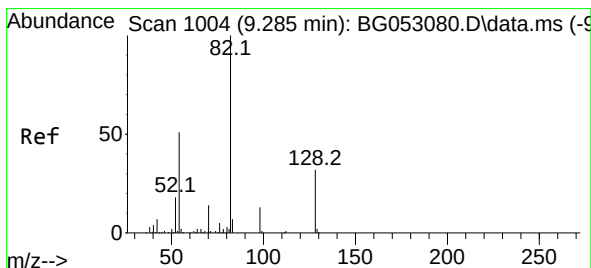
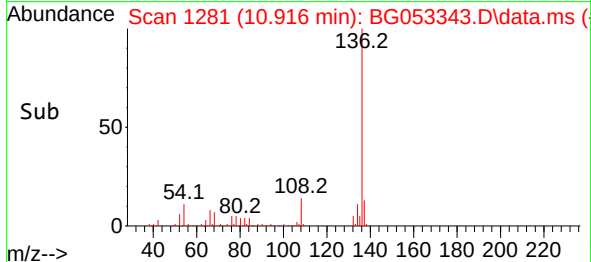
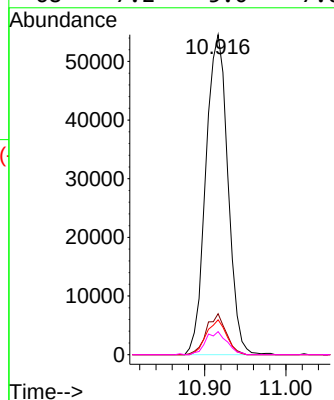
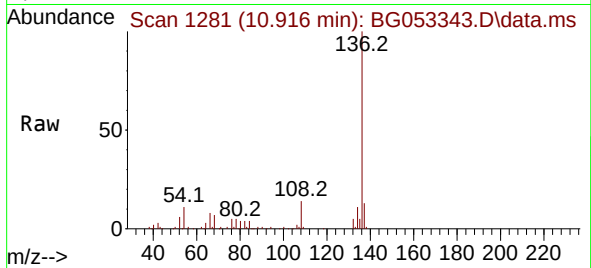


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1000
Delta R.T. -0.005 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Instrument :
BNA_G
ClientSampleId :
MW-13R

Tgt Ion:136 Resp: 102813

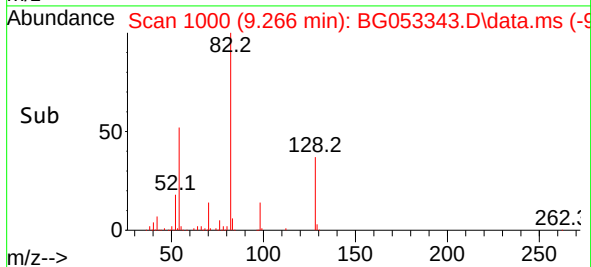
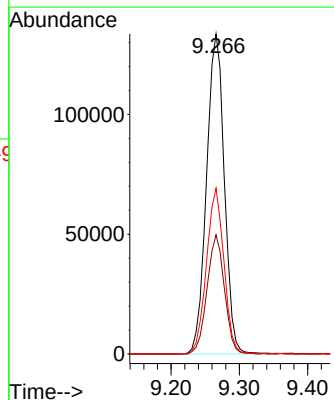
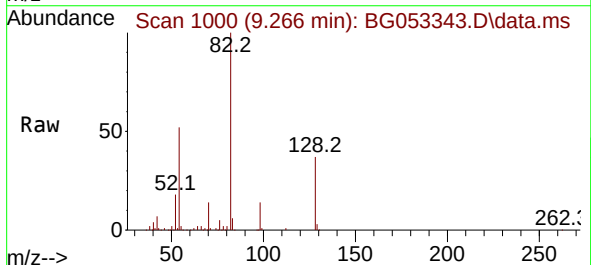
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.4	14.2
54	10.9	6.4	9.6#
68	7.2	5.0	7.6

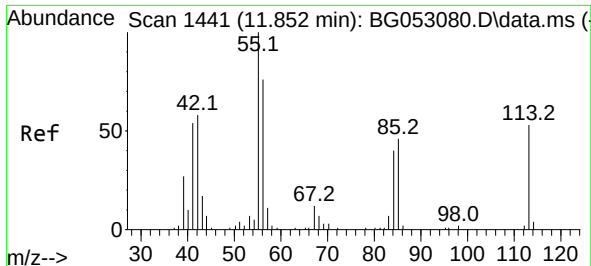


#23
Nitrobenzene-d5
Concen: 95.840 ng
RT: 9.266 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Tgt Ion: 82 Resp: 242679

Ion	Ratio	Lower	Upper
82	100		
128	37.2	31.3	46.9
54	51.8	37.8	56.8

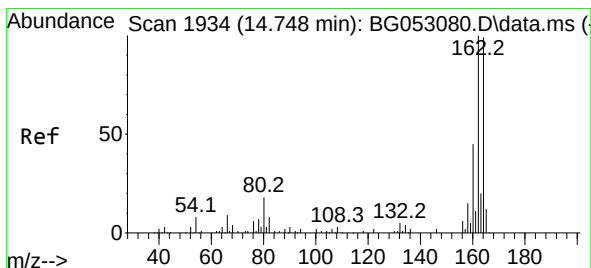
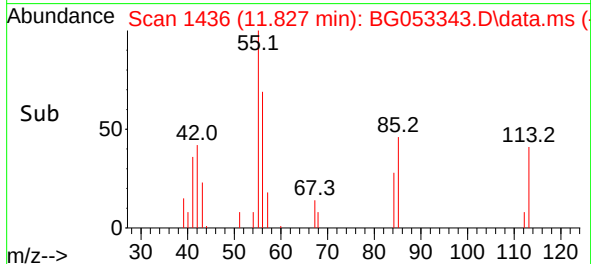
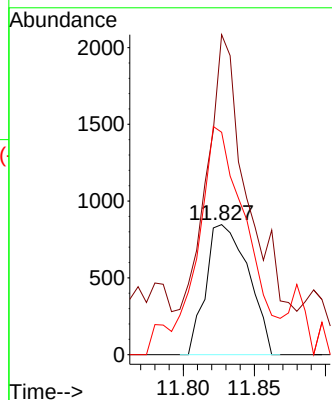
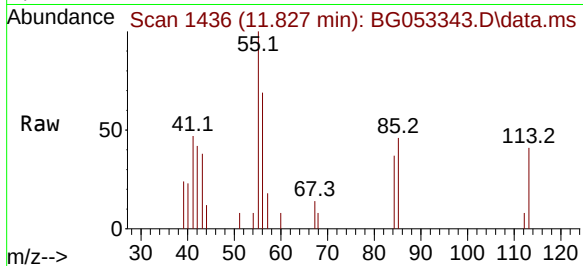




#35
Caprolactam
Concen: 2.694 ng
RT: 11.827 min Scan# 1441
Delta R.T. -0.023 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

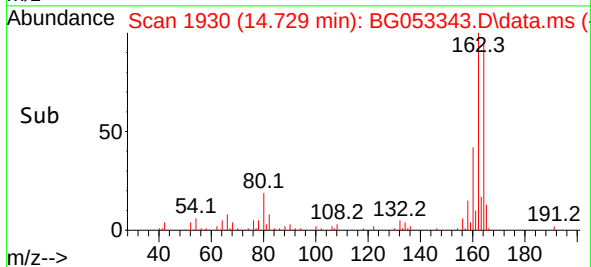
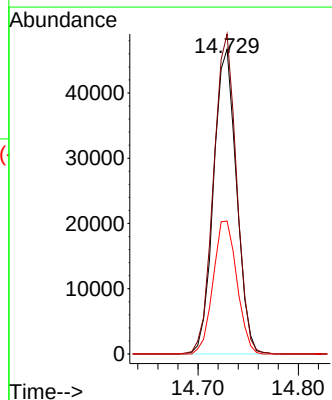
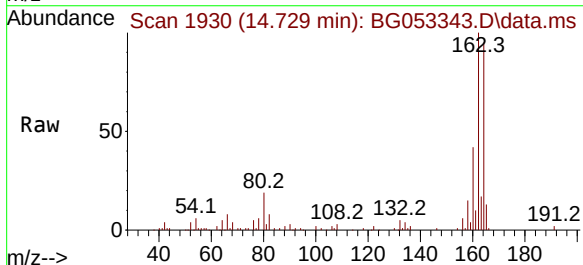
Instrument :
BNA_G
ClientSampleId :
MW-13R

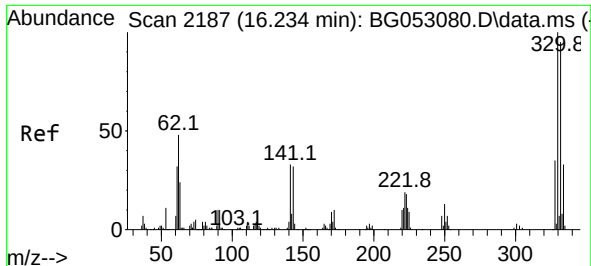
Tgt Ion:113 Resp: 1761
Ion Ratio Lower Upper
113 100
55 246.0 151.3 191.3#
56 171.0 128.5 168.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.729 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Tgt Ion:164 Resp: 74028
Ion Ratio Lower Upper
164 100
162 105.0 80.0 120.0
160 43.6 38.8 58.2

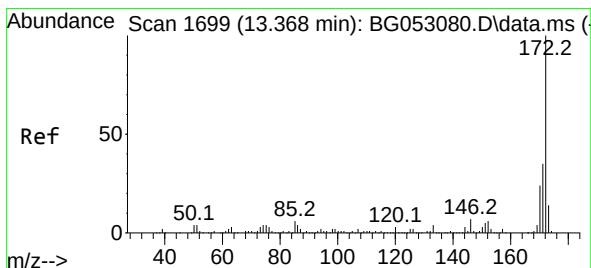
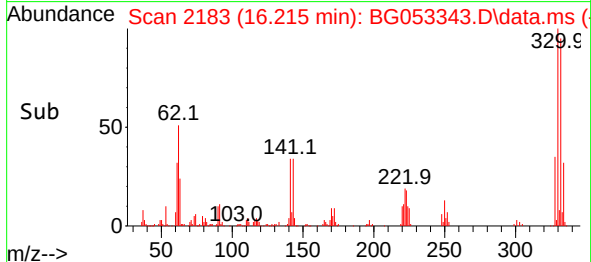
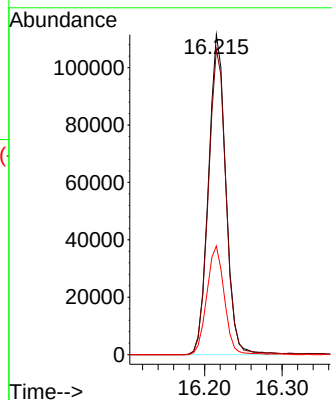
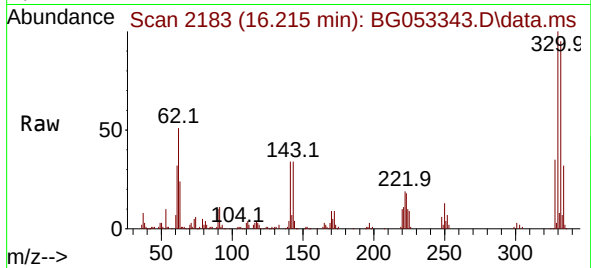




#42
2,4,6-Tribromophenol
Concen: 147.471 ng
RT: 16.215 min Scan# 2187
Delta R.T. -0.011 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

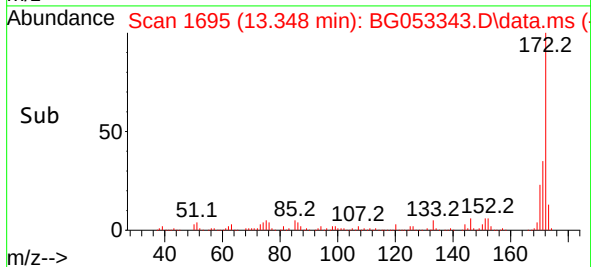
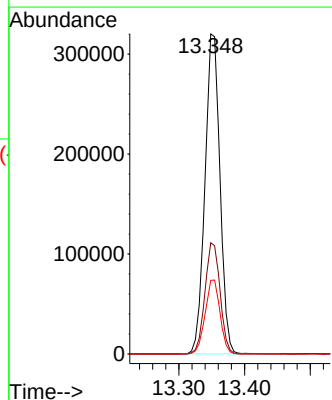
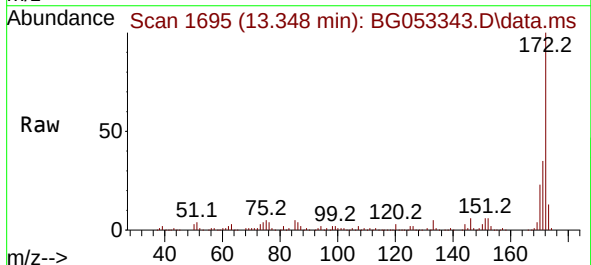
Instrument :
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ClientSampleId :
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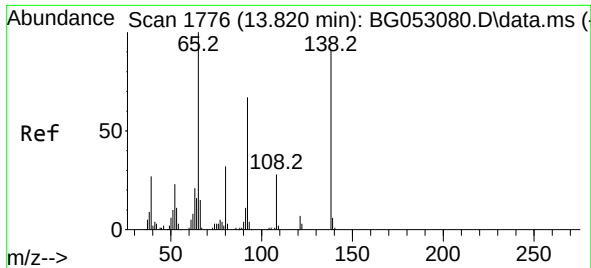
Tgt Ion:330 Resp: 173685
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 34.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 95.030 ng
RT: 13.348 min Scan# 1695
Delta R.T. -0.011 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Tgt Ion:172 Resp: 510179
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.0 18.0 27.0

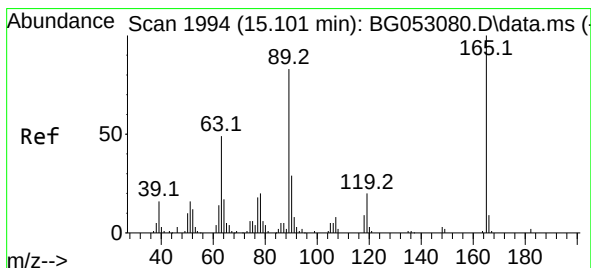
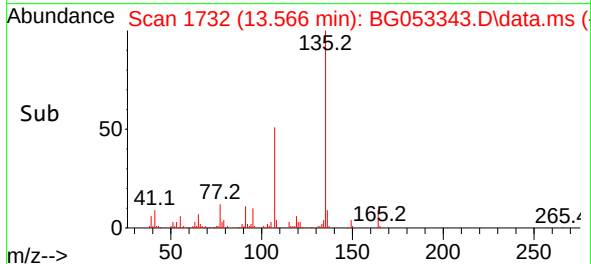
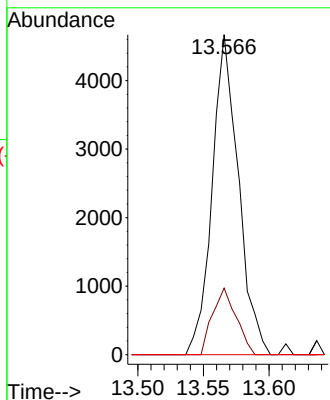
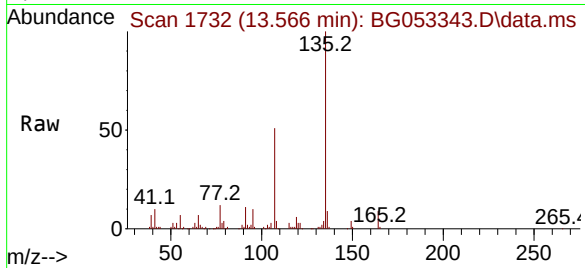




#48
2-Nitroaniline
Concen: 4.029 ng
RT: 13.566 min Scan# 11
Delta R.T. -0.246 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

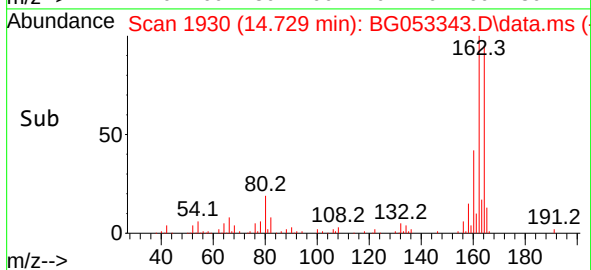
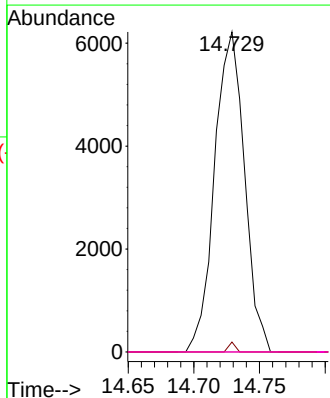
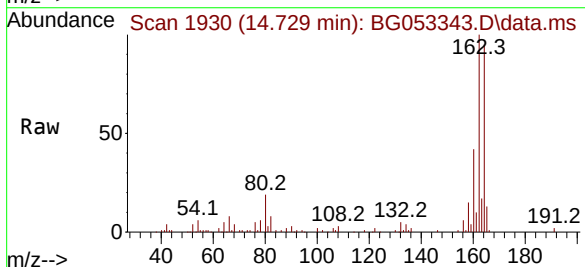
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MW-13R

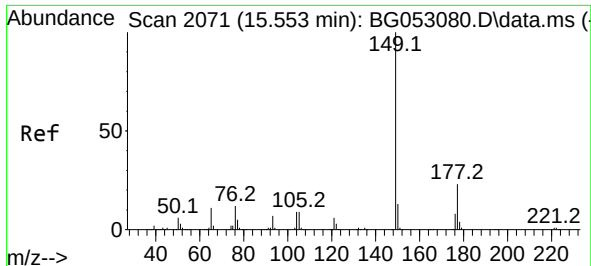
Tgt Ion: 65 Resp: 6503
Ion Ratio Lower Upper
65 100
92 20.8 52.1 78.1#
138 0.0 80.1 120.1#



#57
2,4-Dinitrotoluene
Concen: 5.595 ng
RT: 14.729 min Scan# 1930
Delta R.T. -0.363 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Tgt Ion: 165 Resp: 9839
Ion Ratio Lower Upper
165 100
63 3.1 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

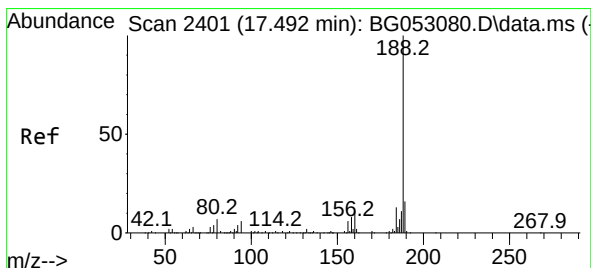
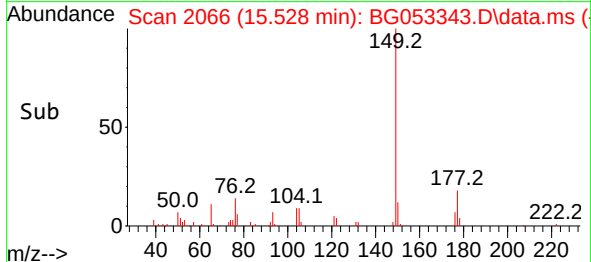
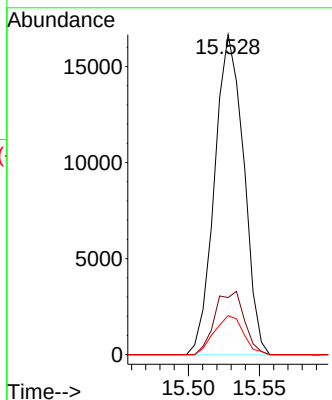
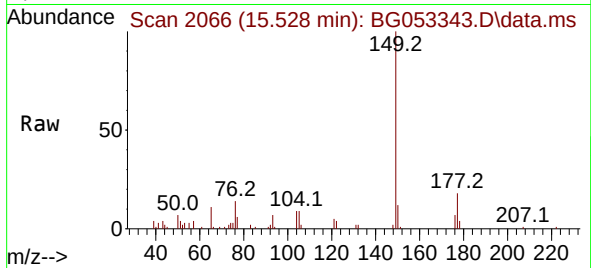




#60
Diethylphthalate
Concen: 3.825 ng
RT: 15.528 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

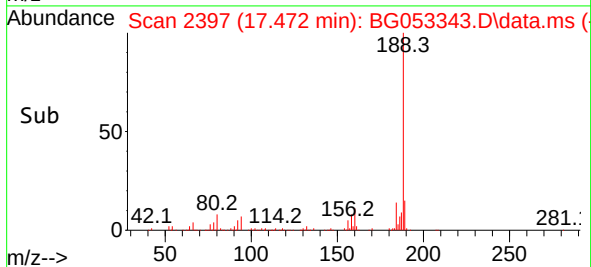
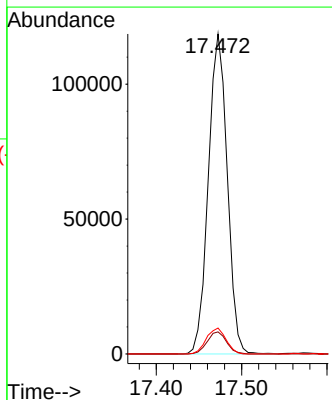
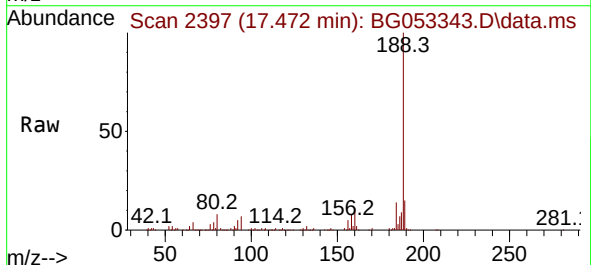
Instrument :
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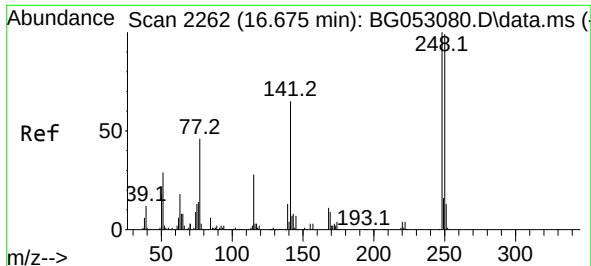
Tgt Ion:149 Resp: 23729
Ion Ratio Lower Upper
149 100
177 17.8 18.2 27.2#
150 12.2 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.472 min Scan# 2397
Delta R.T. -0.011 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Tgt Ion:188 Resp: 182803
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.1 7.2 10.8

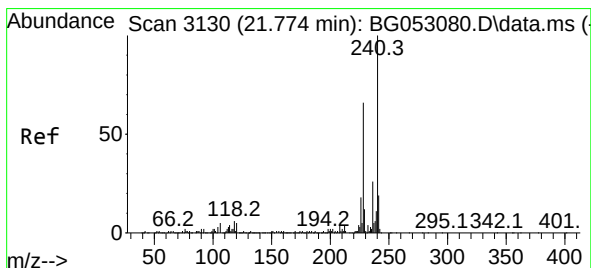
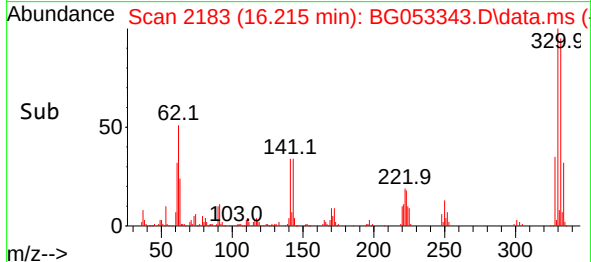
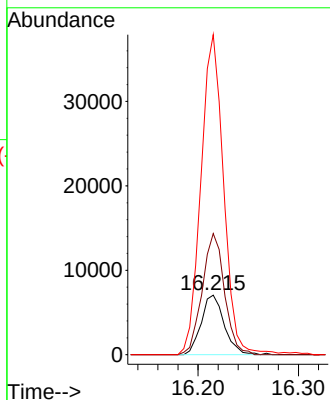
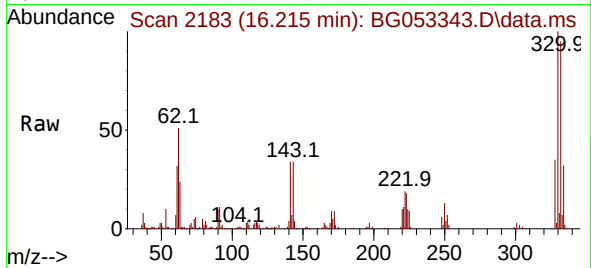




#67
4-Bromophenyl-phenylether
Concen: 4.808 ng
RT: 16.215 min Scan# 2118
Delta R.T. -0.446 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

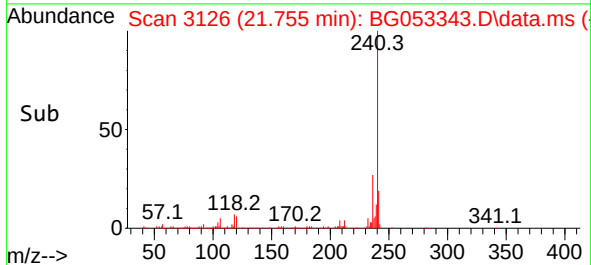
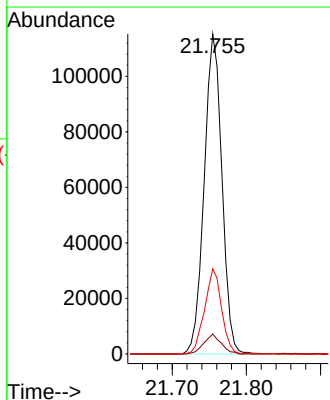
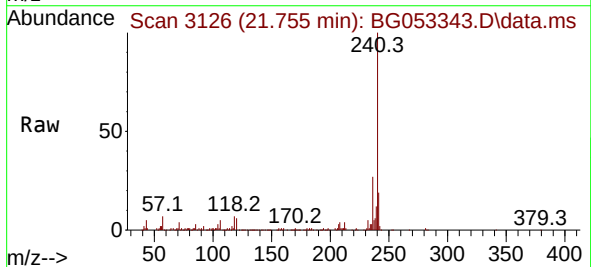
Instrument :
BNA_G
ClientSampleId :
MW-13R

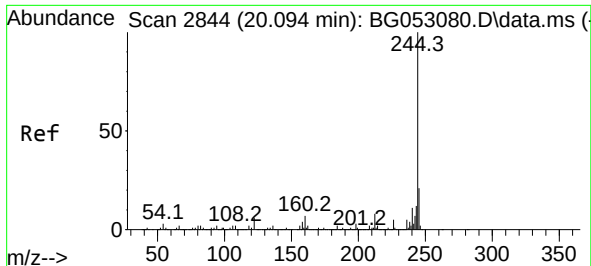
Tgt Ion:248 Resp: 11263
Ion Ratio Lower Upper
248 100
250 203.7 77.9 116.9#
141 538.0 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BG053343.D
Acq: 27 Apr 2022 12:18

Tgt Ion:240 Resp: 191256
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 26.6 19.8 29.6

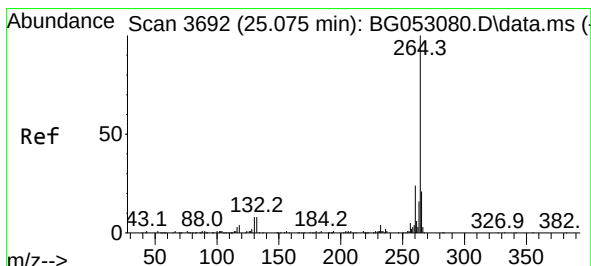
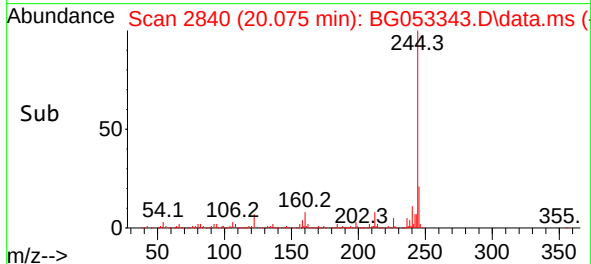
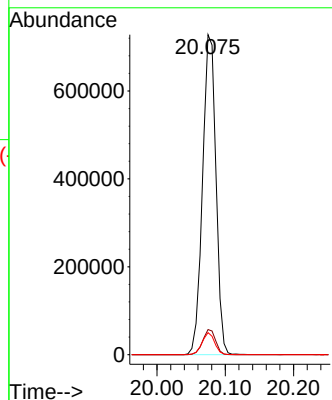
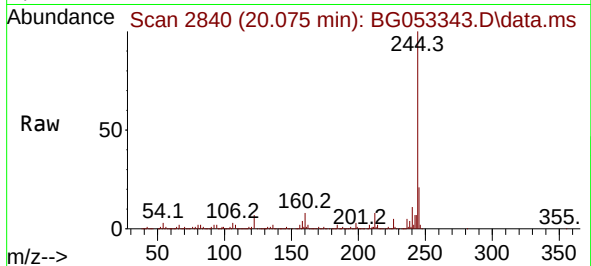




#79
 Terphenyl-d14
 Concen: 87.789 ng
 RT: 20.075 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053343.D
 Acq: 27 Apr 2022 12:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-13R

Tgt Ion:244 Resp: 994142
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.9 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.050 min Scan# 3687
 Delta R.T. -0.011 min
 Lab File: BG053343.D
 Acq: 27 Apr 2022 12:18

Tgt Ion:264 Resp: 193106
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 20.0 15.1 22.7

